Remarks

Claims 1-10 and 12-14 are pending.

Claims 1, 2, 5 and 13 are amended.

Claims 6 and 8 are original.

Claims 3, 4, 7, 9, 10, 12 and 14 are as previously presented.

Claims 1, 2 and 5 are amended to include the limitations that the diketopyrrolopyrrole pigment is a "blue-tinged red shade" diketopyrrolopyrrole pigment "having a transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%". Support is found in the specification on page 2, lines 27-30 and on page 10, lines 11-13.

Claim 13 is amended to delete the unnecessary word "either" from line 1.

No new matter is added.

Claim Objections and Rejections

Claim 13 is objected to under 37 CFR 1.75(c) as being in improper form as it appears to be a multi dependent claim. This has been remedied by deleting the unnecessary word "either" from line 1. Applicants therefore respectfully request that the Examiner withdraw the objection.

Claims 1-3 and 5-8 are rejected under 35 USC 102(b) as being anticipated by Wallquist, et.al., US Pat 5,738,719 or Rochet US Pat 4,597,949 which disclose polymeric compositions containing diketopyrrolopyrrole pigments with chemical formulae corresponding to those of the instant invention.

Applicants respectfully traverse these rejections.

As stated on page 2, lines 27-29 of the specification, the DPP pigments used for the production of colour filters up to the present time have the disadvantage that they do not block out a specific blue-tinged red shade with high transparency. The instant invention surprisingly solves this problem by providing DPP pigments consisting of "very fine particles" (page 1 line 2) which have a "transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%", page 10, lines 11-13 of the instant specification.

Pigments are defined by more than chemical formula. The properties of pigments, including such elements as hue, depth of color, stability, transparency, etc., are affected to a large degree by the physical shape, size, crystal form, degree of aggregation and other physical characteristics of the pigment crystal or particle. A change in these physical characteristics results in a different pigment with different properties even if the chemical formula of the pigment molecule remains the same.

Applicants respectfully suggest that the amendments above make clear that the DPP pigments of the instant claims are those pigments that as a result of their fine particle size, as described in the specification, have specific, highly desirable and previously unavailable hue and transmission properties. While the chemical formulae of pigment molecules may overlap, neither US Pat 5,738,719 or US 4,597,949 disclose the inventive DPP pigments of formula (1) which have blue-tinged red shade nuance and which are characterized by a specific absorption and transmission as given in the above amended claims.

In light of the above amendments and discussion, Applicants respectfully submit that the rejections of claims 1-3 and 5-8 under 35 USC 102(b) over US Pat 5,738,719 or US Pat 4,597,949 are addressed and are overcome. The Examiner is therefore respectfully requested to withdraw the rejections and find said claims allowable.

Claim 9 is rejected under 35 USC §102(b) as being anticipated by US Pat 4,579,949 which indicates that polyacrylates may be colored with DPP pigments.

Applicants respectfully traverse these rejections.

Claim 9 is exclusively directed to a process for the production of colour filters, which process comprises either applying a coating containing a diketopyrrolopyrrole pigment of formula (1) according

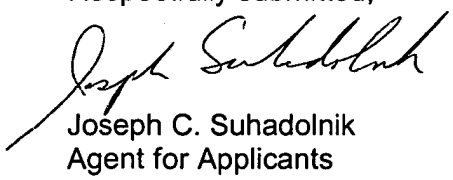
to (amended) claim 1 to a transparent substrate or pigmenting a transparent substrate with said pigment. As known in the art, colour filters are an extremely exacting technology with very exacting demands on the colouring agents. As discussed above, Applicants respectfully maintain that the DPP pigments of the instantly amended claims are novel and meet the previously unmet requirements for blue-tinged red shade DPP pigments suitable for the production of colour filters, namely "transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%". US Pat 4,579,949 is completely silent about colour filters and the properties of the pigments required for their production of colour filters.

In light of the above amendments and discussion, Applicants respectfully submit that the rejections of claim 9 under 35 USC 102(b) over US Pat 4,597,949 are addressed and are overcome. The Examiner is therefore respectfully requested to withdraw the rejections and find the claim allowable.

Applicants note that there is no specific discussion of claims 4, 10, 12 and 14. It is assumed that these claims are also rejected for reasons as detailed for claims 1-3, 5-8 and 9. Applicants respectfully suggest that the preceding discussion holds for claims 4, 10, 12 and 14 as well. Applicants therefore kindly ask that upon finding claims 1-3, 5-8 and 9 allowable, the Examiner also find claims 4, 10 and 12-14 allowable.

As there are no other grounds of objection or rejection, passage of this application to issue with claims 1-10 and 12-14 is respectfully solicited. In the event that minor amendments will further prosecution, Applicants request that the examiner contact the undersigned representative.

Respectfully submitted,



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